

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A system for switching a communication mode of a ~~pad-~~
~~detachable~~ detachable pad refrigerator, comprising:
 - a client pad detachably attached to an outer surface of said refrigerator;
 - a communication module ~~means~~ installed in said refrigerator ~~for transmitting and~~
~~receiving~~ that transmits and receives signals to/from said client pad by wire or wirelessly; and
 - a refrigerator control unit ~~means for controlling~~ that controls said communication
module ~~means~~ to automatically switch said communication mode of said refrigerator with said
client pad to a wired/wireless communication mode according to the attachment/detachment of
said client pad.
2. (Currently Amended) The system as set forth in claim 1, further comprising:
 - a contact switch provided at a portion of the outer surface of said refrigerator with which
said client pad is brought into contact, said contact switch being turned on/off according to the
attachment/detachment of said client pad; and
 - an input/output sensor electrically connected with said contact switch, said sensor sensing
an on/off state of said contact switch and transferring the sensed result to said refrigerator control
unit ~~means~~.

3. (Currently Amended) The system as set forth in claim 2, wherein said contact switch is connected to a power supply voltage source to apply a desired voltage to said refrigerator control unit means when it is turned on.
4. (Currently Amended) The system as set forth in claim 1, further comprising a contact switch provided at a portion of the outer surface of said refrigerator with which said client pad is brought into contact, said contact switch being turned on/off according to the attachment/detachment of said client pad and electrically connected with said refrigerator control unit means when it is turned on.
5. (Currently Amended) The system as set forth in claim 1, wherein said communication module ~~means~~ includes:
- a wired communication module ~~for transmitting and receiving~~ that transmits and receives signals to/from said client pad in said wired communication mode when said client pad is attached to said refrigerator; and
 - a wireless communication module ~~for transmitting and receiving~~ that transmits and receives signals to/from said client pad in said wireless communication mode when said client pad is detached from said refrigerator.
6. (Currently Amended) The system as set forth in claim 5, wherein said communication

module ~~means~~ further includes an Internet modem ~~for transmitting and receiving~~ that transmits and receives signals to/from an external system over the Internet.

7. (Currently Amended) The system as set forth in claim 1, wherein said refrigerator control unit ~~means~~ includes:

a main controller ~~for transmitting and receiving~~ that transmits and receives signals to/from one or more clients connected to a home network ~~constructed~~ provided in a building to perform a home server function; and

an input/output control hub ~~for controlling~~ that controls said communication module ~~means~~ to switch said communication mode of said refrigerator to said wired/wireless communication mode according to the attachment/detachment of said client pad.

8. (Currently Amended) The system as set forth in claim 1, wherein said client pad includes:

a wired communication module for transmitting and receiving signals to/from said refrigerator control unit ~~means~~ by wire when said client pad is attached to said refrigerator;

a wireless communication module ~~for~~ that wirelessly ~~transmitting and receiving~~ transmits and receives signals to/from said refrigerator control unit ~~means~~ when said client pad is detached from said refrigerator;

a controller ~~for controlling~~ that controls operations based on the signals transmitted and received to/from said refrigerator control unit ~~means~~ through said wired communication module

or wireless communication module; and

an output unit ~~for displaying~~ that displays operation results based on the control of said controller.

9. (Original) The system as set forth in claim 8, wherein said client pad further includes an input unit, said input unit having one or more buttons for directly inputting a user's control commands.

10. (Original) The system as set forth in claim 8, wherein said client pad further includes an input unit configured integrally with said output unit for forming a touch panel enabling a touch input.

11. (Currently Amended) A method for switching a communication mode of a ~~pad-~~ detachable detachable pad refrigerator, comprising ~~the steps of:~~

- a) sensing attachment/detachment of a client pad to/from said refrigerator;
- b) enabling a wired communication module if the attachment of said client pad is sensed and a wireless communication module if the detachment of said client pad is sensed;
- c) transmitting and receiving signals to/from said client pad through said wired communication module or wireless communication module; and
- d) controlling an operation of said client pad and externally outputting results of the operation control.